



MARK I, (MARK II)



SPECIFICATIONS

Mechanism: Single Shot, Pull Bolt
Caliber: Mark I Cal. .22, Mark II Cal. .177/BB
Weight: 44 oz.
Sights: Fully adjustable rear, undercut front sight
Sight Radius: 9 $\frac{1}{2}$ inches
Barrel: 7 $\frac{1}{4}$ inches, 10 lands RH twist, one turn in 16"
Trigger: Double sear, adjustable engagement
Power Source: One Crosman 12.5 gram Golden Powerlet
Muzzle Velocity: Adjustable
Range: Controlled by HI and LO Power adjustment

IMPORTANT: Read Warranty and fill out Guarantee Certificate below at time of purchase.

Warranty

Crosman Arms Co., Inc. guarantees this product for (90) days from date of purchase against defective material and workmanship, providing that the gun has not been subject to abuse or misuse. Warranty is void if gun has been disassembled, abused or misused.

TO QUALIFY FOR WARRANTY SERVICE
(WITHIN THE 90 DAY PERIOD),
THIS CERTIFICATE MUST BE FORWARDED WITH
THE GUN TO THE WARRANTY STATION.
DO NOT RETURN THIS GUN TO FACTORY
WITHOUT WRITTEN PERMISSION

GUARANTEE CERTIFICATE

IMPORTANT

Keep this certificate. Cut out and take to Crosman Authorized Service Station to qualify for warranty service.

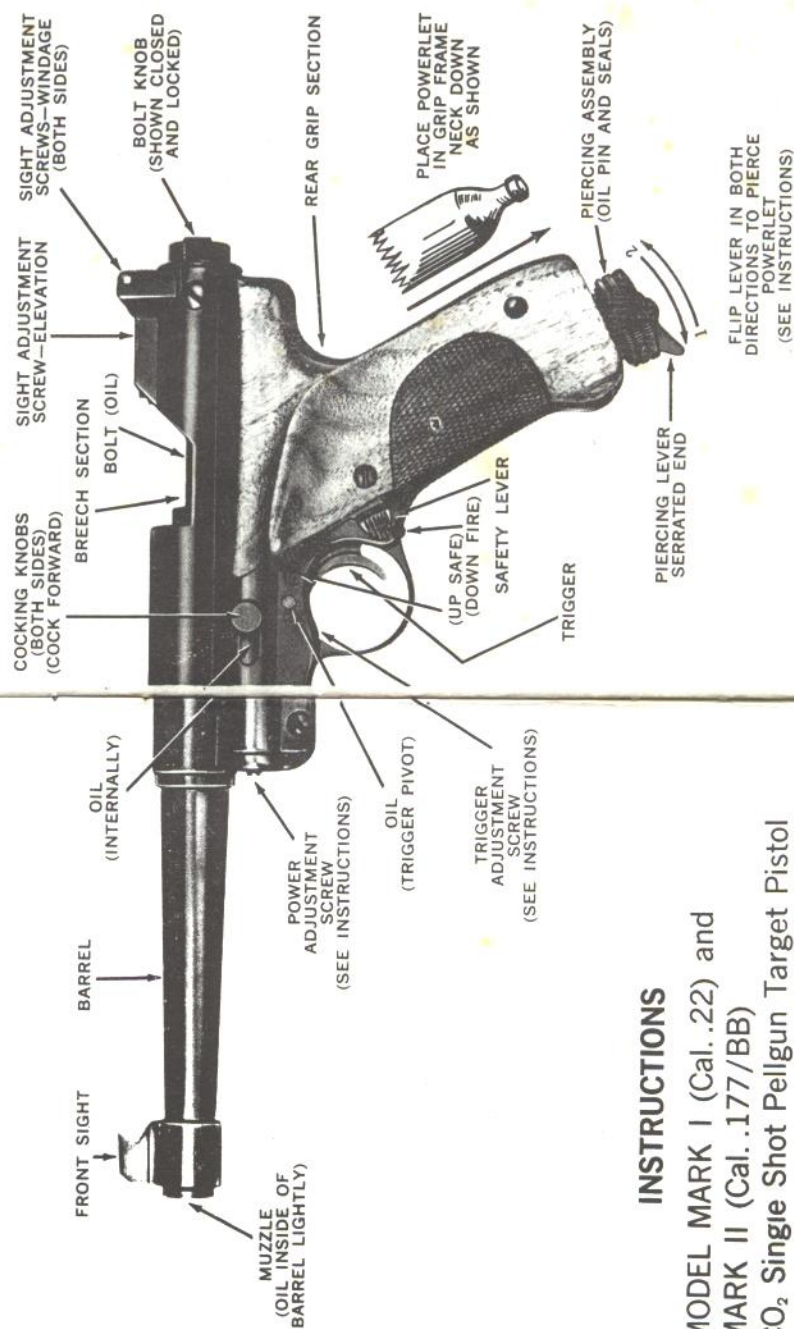
Customer's Name _____

Street _____

Town _____ State _____ Model _____

Dealer's Name _____ Date Purchased _____

DIAGRAM OF REFERENCE POINTS (for Crosman Mark I and Mark II)



INSTRUCTIONS

MODEL MARK I (Cal. .22) and
MARK II (Cal. .177/BB)
CO₂ Single Shot Pelgun Target Pistol
Operating Instructions

IMPORTANT: Read All Instructions Carefully and thoroughly acquaint yourself with all reference points on the diagram before operating your gun.

Always Follow These Simple Safety Rules:

1. Treat every gun as if it is a loaded gun.
2. Always keep muzzle of gun pointed in a safe direction.
3. Don't point at anything you don't intend to shoot.
4. Check safety before loading.
5. Be sure of your target and your backstop.
6. Conduct yourself as a true sportsman in using your gun.

The Crosman Mark I and Mark II are single shot Pellgun and BB Pistols, precision engineered for maximum accuracy and controlled velocity. Adjustable sights, positive safety, trigger adjustment, velocity adjustment, and a unique, easy piercing system have been incorporated to satisfy all shooting requirements.

For best results, this gun should be operated at temperatures between 60°F. and 75°F. All velocity information in these instructions is based on the ideal temperature of 72°F.

CAUTION: DO NOT expose gun or Powerlets to excessive heat.

NOTICE: THE VALVE IN THIS GUN IS DESIGNED FOR USE WITH THE CROSMAN GOLDEN POWERLET ONLY. OTHER TYPE CO₂ CYLINDERS WILL NOT FUNCTION IN THIS GUN.

TO CHARGE PISTOL WITH CO₂:

(Precaution before charging with CO₂ Powerlet)

Point the gun in a safe direction, cock pistol manually by pushing cocking knobs forward until locked. (This action cocks the gun for firing). Push safety lever all the way up as marked on pistol "UP SAFE." Turn bolt knob counterclockwise and pull back. Check barrel for any obstruction. Clothes hanger wire is suitable as a ramrod to clear barrel. (When obstruction is present, insert ramrod through muzzle end only) Remove ramrod from barrel. Close Bolt knob forward and turn clockwise to lock. Exhaust remaining gas by two methods: 1) Release safety by moving lever as marked "DOWN FIRE," squeeze trigger, recock and continue firing until all CO₂ is exhausted or, 2) with cocking knob to the rear and holding pistol pointed away from you, with both hands, curl index fingers around both cocking knobs and both thumbs around rear grip section. Pull back on both cocking knobs and all CO₂ will exhaust instantly. (Caution: Exhaust CO₂ gas can freeze (frostbite) the flesh it contacts). If you find it difficult to exhaust CO₂ by method 2 above, this means the pistol is under high CO₂ pressure and some CO₂ must be exhausted first by method 1 and then completed by method 2.

Unscrew and remove piercing assembly at the bottom of the frame grip. (If difficulty is encountered unscrewing the piercing assembly, this denotes the gun is under pressure and still has residual gas. (Caution: Do not use pliers or other tools to force it open.) Follow above procedures again to insure that the gun is empty of all CO₂. Remove empty Powerlet. (For longer life of seals and trouble free

operation, every 250 shots, turn pistol upside down and squeeze two drops of Crosman Pell gun oil® inside the grip frame before insertion of a new Crosman Powerlet.) INSERT NEW POWERLET IN GRIP TUBE WITH NECK (OR CAP) TOWARD OPEN END OF GRIP, replace piercing assembly and screw firmly in place as far down as it will go. IMPORTANT: Piercing lever fully serrated end should be face to face with piercing assembly knurled body.

THE PIERCING ACTION: Flip piercing lever (see No. 1 on Reference Diagram) completely to the opposite side of the piercing assembly and return (see No. 2 on Reference Diagram) to original position. This completes the piercing of the CO₂ Powerlet and your pistol is now under pressure. (If pistol does not shoot, the Powerlet may not be pierced. This could be caused by the piercing lever being in the wrong position when piercing assembly was threaded on the pistol. Be sure lever is in the right position and tighten the piercing assembly, then turn or "flip" the lever again to complete the piercing action.)

To maintain the piercing assembly in good working order, use two drops of Crosman special silicone formula Pellgunoil at the piercing pin at the retaining nut and the visible external "seal" every 250 shots. Other oils not especially developed for Pellguns will damage seals and result in CO₂ leaks. Cock the pistol, squeeze the trigger and fire in a safe direction, to determine that Powerlet is properly pierced. Pistol is now ready for loading.

IMPORTANT: Proper oiling of this gun will eliminate most sealing failures. USE SPARINGLY. Excessive oiling is also harmful to gun action. Apply every 250 shots or when

parts appear dry. (Depending on your area climate.) Be sure "O" ring on piercing assembly is clean and free of foreign matter to reduce wear or damage. NEVER USE PENETRATING DETERGENT OR REGULAR GUN TYPE OILS, as they may be harmful to valve washers, seals and enamel finish. USE CROSMAN PELLGUN OIL® FOR BEST RESULTS.

TO LOAD PISTOL: Grasp bolt knob, turn counterclockwise and pull back. In the Model Mark I, place a Crosman Super Pell in loading ramp (breech opening) with round nose towards muzzle end of the gun. (Cal. .177 Pell or Crosman Super BB in Model Mark II which has a special magnet for BB on bolt face.) Push bolt knob forward to chamber the Pell (or BB) and turn bolt knob clockwise to lock the bolt. IMPORTANT: Be sure to always turn bolt knob clockwise to prevent bolt from moving back when fired.

TO SHOOT PISTOL: Point pistol in a safe direction and cock pistol by pushing cocking slide knobs **fully forward** until locked. Push safety lever up as marked on pistol to "UP SAFE." When ready to shoot, push safety lever "DOWN FIRE." Take aim, squeeze trigger to shoot.

NEVER LEAVE THE GUN
COCKED OR LOADED
WHEN NOT IN USE.

TO UNLOAD PELL FROM BARREL:

If gun is cocked, point in a safe direction and squeeze

PARTS LIST and assemblies for: Mark I, Mark II .

PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE
10-1	Frame - Stripped (not avail. order -62)		10-30	Sear	1.60	10-63	Piercing Assy.	5.30
10-2	Barrel Housing (stripped)	1.10	10-31	Sear Spring	.10	10-64	Bolt Guide Screw	.10
10-3	Barrel	2.80	10-32	Trigger Pin	.10	10-65	Piercing Lever Pin	.10
10-4	Barrel Nut (front)	.20	10-33	Trigger	.60	10-66	Trigger Guard Screw	.10
10-5	Barrel Nut (rear)	.20	10-34	Trigger Spring	.10	10-67	Valve Stem Assy.	1.25
10-6	Set Screw (barrel)	.20	10-35	Safety Spring	.10	10-68	Sear Set Screw	.30
10-7	Bolt Pin	.15	10-39	Hammer Spring Washer	.10	10-73	Valve Assy. (complete)	2.30
10-8	Bolt	.45	10-40	Elevation Washer	.10	10-74	Trigger Guard Assy.	1.65
10-9	Bolt Knob	.70	10-41	Screen Retainer	.10	10-75	Sear Assy.	2.00
10-10	Knob Pin	.10	10-43	Sear Spring Screw	.10	10-78	Grip Set RH (MK-I)	1.00
10-11	Bolt Guide	.90	10-44	Trigger Guard Pin	.10	10-79	Grip Set LH (MK-I)	1.00
10-12	Trigger Guard	1.20	10-45	Piercing Body Nut	.40	20-62	*Frame Sub-Assy. (MK-II)	8.42
10-13	Detent Ball	.10	10-46	Piercing Body	1.20	20-78	Grip Set RH (MK-II)	1.00
10-14	Detent Screw	.20	10-47	Piercing Knob	1.20	20-79	Grip Set LH (MK-II)	1.00
10-15	Detent Spring	.10	10-49	Piercing Pin	.45	20-103	Barrel (MK-II)	2.80
10-17	Sight Blade	.15	10-50	Piercing Spring	.10	20-110	Bolt Seal (MK-II)	.15
10-18	Sight Screw	.15	10-51	Piercing Lever	.45	20-111	Bolt & Magnet Assy. (MK-II)	1.65
10-19	Elevation Screw	.15	10-52	Piercing Guide Nut	.40	20-161	Bolt Assy. (MK-II)	3.80
10-20	Power Adj. Screw	.35	10-55	Grip Screw (long)	.10	38-28	Screen	.30
10-21	Knob and Shank	.30	10-56	Piercing Nut Pin	.10	105-39	Detent Ball (Safety)	.10
10-22	Hammer	.60	10-57	Safety Retainer Ring	.10	130-32	Bolt Seal (MK-I)	.15
10-23	Hammer Spring	.10	10-58	Grip Screw (short)	.10	140-9	Windage Screw	.10
10-24	Hammer Sleeve	.50	10-59	Cocking Knob End	.20	150-54	Piercing Body Seal	.40
10-25	Valve Body	2.10	10-60	Safety Assy.	.95	600-28	Valve Body Seal	.20
10-26	Valve Screw	.10	10-61	Bolt Assy. (complete)	3.70	600-82	Piercing Retaining Ring	.10
10-29	Valve Spring	.25	10-62	*Frame Sub-Assy. (MK-I)	8.42	600-84	Piercing Pin Seal	.40

Exploded View & Parts List 1 00

* Factory Assy. only - Includes Screen, retainer, nut, and pins.

Minimum parts order \$1.00. (Order by part number and name). Prices subject to change without notice. Check or money order in amount of total purchase must accompany parts order. Parts will be shipped prepaid.

trigger. Open bolt knob to rear and proceed with instructions to remove Pell as outlined in "To charge pistol with CO₂."

TO ADJUST REAR SIGHT:

CAUTION: When turning windage screws clockwise, the opposite windage screw must always **first** be loosened to prevent damage to your gun. You must move the rear sight in the same direction that you want to shoot.

Windage: If you want to shoot to the right, loosen the right side sight screw counterclockwise $\frac{1}{2}$ turn, THEN tighten the left side sight screw clockwise $\frac{1}{2}$ turn. **DO NOT OVERTIGHTEN.** Repeat if you need more adjustment to the right. Reverse the process if you desire to shoot further to the left of your impact area.

Elevation: If you want to shoot higher, loosen or turn elevation screw counterclockwise until you are hitting in the desired area. To shoot lower, tighten or turn elevation screw clockwise to lower rear sight until you are hitting in the desired area.

EXTERNAL TRIGGER ADJUSTMENT:

The Mark I and Mark II Pistols are equipped with a uniquely designed adjustable double sear which permits adjustment from conventional trigger pull to extra fine crisp let off that is used in the more expensive championship firearms. The trigger adjustment has been set at the factory for safe conventional use. We highly recommend that no adjustment be attempted except by a Crosman Factory Service Station or experienced gunsmith. When the trigger is adjusted to a very fine engagement, extreme care should be exercised by use of the safety until pistol

is pointed in a safe direction and the shooter is ready to shoot. Under no conditions should a fine adjustment be maintained for plinking or field shooting except under range controlled conditions and where fine trigger adjustment is necessary for precision shooting.

CAUTION: PISTOL SHOULD NEVER BE CHARGED WITH CO₂, LOADED WITH A PELL OR BB WHEN ADJUSTING THE TRIGGER.

Use a 1/16 inch allen wrench for adjustments. Turn pistol upside down, pointed in a safe direction. Cock pistol with cocking knobs. Place allen wrench in socket screw visible inside the frame and forward of the trigger. For finer adjustment, turn (or tighten) wrench in a clockwise direction $\frac{1}{4}$ turn at a time. Pull trigger to test the adjustment. Recock the pistol and repeat the process until the desired fine adjustment has been reached. When the limit of the adjustment has been reached, the gun will fire and gun cannot be cocked. Reverse the procedure (counterclockwise) until the pistol can be cocked. Continue this reverse procedure to return to a conventional trigger adjustment.

EXTERNAL POWER ADJUSTMENTS:

The Power adjustment screw is located forward of the frame and under the barrel. The right side of the frame is marked "LO" and the left side "HI." Turning the adjustment to the extreme counterclockwise stop position is "LO" power. Turning the adjustment to the extreme clockwise stop position is "HI" power. The lower the velocity used in shooting, the greater number of shots are realized per Powerlet. HI velocities will use CO₂ more rapidly. It is not recommended that HI velocities be used indoors for obvious safety reasons.

POWER ADJUSTMENT (Muzzle Velocity in feet per sec.)

	Lo*	Hi*
Mark I (Cal. .22 Super Pells)	300	400
Mark II (Cal. .177 Super Pells)	320	420
(Crosman Super BBs)	390	490

*Approximate velocity at 72 degrees Fahrenheit. Power may "also adjusted in between ranges shown above"

CARE OF PISTOL:

Lubricate as directed in these instructions including oiling of metal moving parts. Use only Crosman Cal. .22 Super Pells in the Mark I (Crosman Cal. .177 Super Pells and Super BB's in Mark II) for accuracy, long barrel life and trouble-free performance. The design and materials used in some other brands can cause feeding failure and plugged barrels. DO NOT expose charged gun or Powerlets to excessive heat or cold. An occasional light oiling of the barrel is recommended to prevent rusting. USE SPECIAL CROSMAN PELLGUNOIL® FOR BEST RESULTS. Replacement Powerlets in a convenient pocket size pack, Crosman Super Pells, BB's and Crosman NRA approved Bullseye Targets can be obtained at Sporting Goods Dealers everywhere. Crosman Remote Control Targlite and Bell Targets make shooting more fun and safer. Ask your dealer to order one for you.

REPAIR SERVICE:

DO NOT ATTEMPT TO REPAIR THIS PISTOL AS THE WARRANTY will be voided. Postal regulations prohibit the mailing of pistols by an individual unless licensed to do so. Refer to the attached list of Crosman Factory Service Stations for service, or see your dealer where purchased for acceptable methods by which this type of pistol may be shipped to a Service Station.

For best shooting results, always use Crosman Super Pells, Super BB's. Powerlets.



CROSMAN CO₂ GAS POWERLETS®

Model 231/5 — Giant 12.5 Gram. Exclusive for all Crosman Gas Guns

- Exclusive Patented Cap Seal
- Pierces clean — no chips • Zinc plated — no rust. No cylinder leakage.

CROSMAN SUPER PELLs®

Best for any pellet gun: lubricated, swaged of 100% soft, virgin lead.

No shattering, minimum ricochet.

Flat head and hollow skirt flatten on impact for greater safety.

Specially designed skirt fits True-Flyte button-rifled barrel for top accuracy.

Factory sealed in self-dispenser boxes of 250 or 500.

.22 Cal. .177 Cal.



Best for all BB Guns

Copper-coated, precision ground and perfect-round to guarantee straighter shooting • New functional "Spill-Proof" boxes • "The perfect BB in the perfect Box."

Model 225 — contains 5 oz., over 400 BB's.

Model 727 — contains 10 oz., over 800 BB's.

Model 737 (Former Model 2000) — contains 20 oz., over 1600 BB's.

Model 747 — contains 6 lbs. 4 oz., over 8000 BB's.



Just lift tab to open
Tuck in to close